

**AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings of claims in the application:

Claim 1 (Currently Amended): An aqueous primary dispersion, comprising:

at least one polyurethane ~~obtainable by~~ obtained by reacting

a) at least one polyisocyanate,

b1) at least one polyol ~~containing~~ comprising a the structural unit  $[-CH_2-CH_2-O]-$  one or more times, wherein said the structural unit  $[-CH_2-CH_2-O]-$  ~~deriving is obtained~~ from a synthesis component selected from the group consisting of ~~comprising~~ ethylene glycol, polyethylene glycol having a molar mass of between 106 and 2000, and ethylene oxide,

b2) ~~if appropriate~~ optionally at least one polyol other than b1),

b3) ~~if appropriate~~ optionally at least one compound containing at least two isocyanate-reactive groups selected from the group consisting of thiol groups and primary and secondary amino groups,

b4) ~~if appropriate~~ optionally at least one monofunctional monomer having an isocyanate-reactive group, and

c) ~~if appropriate~~ optionally at least one ionic or potentially ionic synthesis component, wherein

the fraction of the structural units  $[-CH_2-CH_2-O]-$ , calculated at 44 g/mol, in the polyol b1) is from 10 to 90% by weight, and

the fraction of the structural units  $[-CH_2-CH_2-O]-$ , calculated at 44 g/mol, in the sum of the components a) + b1) + b2) + b3) + b4) + c) is at least 3% by weight.

Claim 2 (Original): The primary dispersion according to claim 1, wherein the molecular weight of the polyol b1) is at least 500 g/mol.

Claim 3 (Previously Presented): The primary dispersion according to claim 1, wherein the polyol b1) is a copolymer comprising ethylene oxide and propylene oxide.

Claim 4 (Original): The primary dispersion according to claim 3, wherein the copolymer is a block copolymer.

Claim 5 (Currently Amended): The primary dispersion according to claim 1, wherein the polyol b1) ~~includes~~ comprises at least one terminal structural unit  $\text{-CH}_2\text{-O-H}$ .

Claim 6 (Previously Presented): The primary dispersion according to claim 1, wherein the polyol b1) is a polyesterol.

Claim 7 (Currently Amended): The primary dispersion according to claim 1, wherein the z-average particle size as measured by dynamic light scattering using the Malvern® Autosizer 2 C is below 100 nm.

Claim 8 (Currently Amended): A process for preparing a primary dispersion according to claim 1, which comprises:

reacting components a), b1), ~~if appropriate~~ optionally b2), ~~if appropriate~~ optionally b3), and ~~if appropriate~~ optionally b4) in the presence of water.

Claim 9 (Previously Presented): The process for preparing a primary dispersion according to claim 1, wherein dispersing takes place with shear forces below  $10^8 \text{ W/cm}^3$ .

Claim 10 (Currently Amended): A method of coating a substrate, comprising:  
applying the aqueous primary dispersion of claim 1 to the substrate, thereby coating the substrate.

Claim 11 (Previously Presented): The method of claim 10, wherein the substrate comprises a material selected from the group consisting of wood, wood veneer, paper, board, card, textile, leather, nonwoven, plastic, glass, ceramic, metals, coated metals, and mineral building materials.

Claim 12 (Previously Presented): The primary dispersion according to claim 2, wherein the polyol b1) is a copolymer comprising ethylene oxide and propylene oxide.

Claim 13 (Currently Amended): The primary dispersion according to claim 2, wherein the polyol b1) ~~includes~~ comprises at least one terminal structural unit  $\text{-CH}_2\text{-O-H}$ .

Claim 14 (Currently Amended): The primary dispersion according to claim 3, wherein the polyol b1) ~~includes~~ comprises at least one terminal structural unit  $\text{-CH}_2\text{-O-H}$ .

Claim 15 (Currently Amended): The primary dispersion according to claim 4, wherein the polyol b1) ~~includes~~ comprises at least one terminal structural unit  $\text{-CH}_2\text{-O-H}$ .

Claim 16 (Previously Presented): The primary dispersion according to claim 2, wherein the polyol b1) is a polyesterol.

Claim 17 (Currently Amended): The primary dispersion according to claim 2, wherein the z-average particle size as measured by dynamic light scattering using the Malvern® Autosizer 2 C is below 100 nm.

Claim 18 (Currently Amended): The primary dispersion according to claim 3, wherein the z-average particle size as measured by dynamic light scattering using the Malvern® Autosizer 2 C is below 100 nm.

Claim 19 (Currently Amended): The primary dispersion according to claim 4, wherein the z-average particle size as measured by dynamic light scattering using the Malvern® Autosizer 2 C is below 100 nm.

Claim 20 (Currently Amended): The primary dispersion according to claim 5, wherein the z-average particle size as measured by dynamic light scattering using the Malvern® Autosizer 2 C is below 100 nm.

Application No.: 10/553,037

In reply to: Office Action of January 5, 2007

**BASIS FOR THE AMENDMENT**

The claims have been amended to correct minor informalities as supported, for example, at page 10, line 26 of the specification and the claims as originally filed.

No new matter is believed to have been added by entry of this amendment. Entry and favorable reconsideration are respectfully requested.

Upon entry of this amendment Claims 1-20 will now be active in this application.